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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: HEAT TRANSFER FLUIDS FOR APPLICATION OVER A BROAD RANGE OF TEMPERATURES

(57) Abstract: Heat transfer fluids which can be used over a broad range of temperatures such as from 175 °C to -145 °C are disclosed. The heat transfer fluids consist essentially of a mixture of at least two structurally non-identical cycloalkane-alkyl or -polyalkyl compounds, or a mixture of at least two structurally non-identical aliphatic hydrocarbons, or a mixture of a cycloalkane-alkyl or -polyalkyl compound and an aliphatic hydrocarbon. The individual components are present at levels such as to confer to the fluid composition a cloud point below -100 °C, a vapor pressure at +175 °C below 1300 kPa, and a viscosity, measured at the cloud point temperature +10 °C, below 400 cP.

# INTERNATIONAL SEARCH REPORT

Inter: Application No  
PCT/EP 03/12170

**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 28 39 513 A (RHONE POULENC IND) 22 March 1979 (1979-03-22) the whole document ----	1
A	US 6 086 782 A (WIELAND KENNETH F ET AL) 11 July 2000 (2000-07-11) cited in the application claims 1,14; table 2 ----	1,2,6
A	DE 100 31 020 A (LINDE GAS AG) 6 December 2001 (2001-12-06) cited in the application the whole document ----	1,3,7
A	DE 42 40 306 A (BAYER AG) 9 June 1994 (1994-06-09) cited in the application the whole document ----	1,2,6
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 198 53 571 A (MESSER GRIESHEIM GMBH) 25 May 2000 (2000-05-25) the whole document -----	1,2,6

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter

Application No

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